

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)

Application Number	10567420
Filing Date	2006-02-06
First Named Inventor	Joseph Kennedy
Art Unit	2812
Examiner Name	Stanetta D. Issac
Attorney Docket Number	H004729.86489 USA -4780

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Examiner Initial*	Cite No	Patent Number	Kind Code ¹	Issue Date	Name of Patentee or Applicant of cited Document	Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear
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	2	4935320		1990-06-19	Ciba-Geigy Corporation	
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98	5250224		1993-10-05	Wason et al.	
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102	5262468		1993-11-16	Chen	
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Examiner Initial*	Cite No	Publication Number	Kind Code ¹	Publication Date	Name of Patentee or Applicant of cited Document	Pages,Columns,Lines where Relevant Passages or Relevant Figures Appear
	1	20020031729		2002-03-14	Trefonas, III et al.	

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(Not for submission under 37 CFR 1.99)

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First Named Inventor	Joseph Kennedy	
Art Unit	2812	
Examiner Name	Stanetta D. Issac	
Attorney Docket Number	H004729.86489 USA -4780	

2	20020034630	2002-03-21	Cano et al.	
3	20020102417	2002-08-01	Schutt et al.	
4	20020127330	2002-09-12	Jin et al.	
5	20030003176	2003-01-02	Foreman et al.	
6	20030111748	2003-06-19	Foreman	
7	20030125430	2003-07-03	Adedeji et al.	
8	20030157391	2003-08-21	Coleman et al.	
9	20030171729	2003-09-11	Kaun et al.	
10	20030192638	2003-10-16	Yang et al.	
11	20030198578	2003-10-23	Lee et al.	
12	20030224611	2003-12-04	Seta et al.	

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13	20030227021	2003-12-11	Yamazaki et al.	
14	20040020689	2004-02-05	Kagami et al.	
15	20040067437	2004-04-08	Wayton et al.	
16	20040072420	2004-04-15	Enomoto et al.	
17	20040072436	2004-04-15	Ramachandra Rao et al.	
18	20040091811	2004-05-13	Munnelly et al.	
19	20040096666	2004-05-20	Knox et al.	
20	20040131979	2004-07-08	Li et al.	
21	20040229158	2004-11-18	Meador et al.	
22	20040247900	2004-12-09	Ogihara et al.	
23	20040253461	2004-12-16	Ogihara et al.	

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24	20040253532		2004-12-16	Wu et al.	
25	20040253535		2004-12-19	Cameron et al.	
26	20050019842		2005-01-27	Prober et al.	
27	20050026092		2005-02-03	Nagase	
28	20050042538		2005-02-24	Babich et al.	
29	20050074689		2005-04-07	Angelopoulos et al.	
30	20050074981		2005-04-07	Meagley et al.	
31	20050077639		2005-04-14	Foreman et al.	

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FOREIGN PATENT DOCUMENTS

Examiner Initial*	Cite No	Foreign Document Number ³	Country Code ² i	Kind Code ⁴	Publication Date	Name of Patentee or Applicant of cited Document	Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear	T ⁵
	1	2006-241407	JP	A	2006-09-14	Shin Etsu Chem. Co. Ltd.		<input type="checkbox"/>

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2	02/16477	WO	A2	2002-02-28	The Dow Chemical Company	<input type="checkbox"/>
3	03/070809	WO	A2	2003-08-28	Honeywell International Inc.	<input type="checkbox"/>
4	00/077575	WO	A	2000-12-21	Allied Signal, Inc.	<input type="checkbox"/>
5	0494744	EP	A1	1992-07-15	NCR Corp.	<input type="checkbox"/>
6	2003-050459	JP		2003-02-21	Hitachi Chem Co. Ltd.	<input type="checkbox"/>
7	55-063335	JP		1980-05-13	Kitajima Yoshiyuki	<input type="checkbox"/>
8	61-274497	JP		1986-12-04	Furno Electric Co. Ltd.	<input type="checkbox"/>
9	63-137437	JP		1988-06-09	Matsushita Electric Works	<input type="checkbox"/>
10	64-028032	JP		1989-01-03	Nissan Motor Co. Ltd.	<input type="checkbox"/>
11	02-145511	JP		1990-06-05	Nevley A. Baron	<input type="checkbox"/>
12	03-050459	JP		1991-03-05	Matsushita Electric Ind. Co. Ltd.	<input type="checkbox"/>

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13	1207310	JP		1989-08-21	Terumo Corp.		<input type="checkbox"/>
14	1245248	JP		1989-09-29	Asahi Chem Ind Co Ltd		<input type="checkbox"/>
15	3064753	JP		1991-03-20	Nippon Kagaku Kogyosho KK		<input type="checkbox"/>
16	3152544	JP		1991-06-28	International Business Machines Corp.		<input type="checkbox"/>
17	3200257	JP		1991-09-02	International Business Machines Corp.		<input type="checkbox"/>
18	3209476	JP		1991-09-12	Mitsubishi Kasei Corp		<input type="checkbox"/>
19	0146411	EP		1985-06-26	Minnesota Mining and Manufacturing Company		<input type="checkbox"/>
20	1385241	GB		1975-02-26	Du Pont de Nemours and Company		<input type="checkbox"/>
21	1601288	GB		1981-10-28	BASF Aktiengesellschaft		<input type="checkbox"/>
22	0458651	EP		1991-11-27	Matsushita Electric Industrial Co., Ltd.		<input type="checkbox"/>
23	0422570	EP		1995-12-27	International Business Machines Corp.		<input type="checkbox"/>

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24	0401499	EP		1990-04-19	Shipley Company		<input type="checkbox"/>
25	0388503	EP		1990-09-26	Mitsubishi Metal Corporation		<input type="checkbox"/>
26	0225676	EP		1987-06-16	Nippon Paint Co., Ltd.		<input type="checkbox"/>
27	0217137	EP		1986-08-27	E.I. Du Pont de Nemours and Company		<input type="checkbox"/>
28	0184248	EP		1989-08-02	Bioresearch S.p.A.		<input type="checkbox"/>
29	19852852	DE		2000-05-18	Inst Halbleiterphysik CmbH		<input type="checkbox"/>
30	0152377	EP		1985-08-21	Ciba Geigy AG		<input type="checkbox"/>
31	0159428	EP		1992-11-19	Brewer Science, Inc.		<input type="checkbox"/>
32	03/044600	WO		2003-05-30	Honeywell International Inc.		<input type="checkbox"/>
33	03/089992	WO		2003-10-30	International Business Machines Corporation		<input type="checkbox"/>
34	03/044078	WO		2003-05-30	Honeywell International Inc.		<input type="checkbox"/>

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35	50022870	JP		1975-03-11	Japan Synthetic Rubber Co. Ltd.		<input type="checkbox"/>
36	53000896	JP		1978-01-07	Japan Synthetic Rubber Co. Ltd.		<input type="checkbox"/>
37	58-003249	JP		1983-01-10	Fujitsu Ltd.		<input type="checkbox"/>
38	58-066335	JP		1983-04-20	Fujitsu Ltd.		<input type="checkbox"/>
39	60185892	JP		1985-09-21	Japan Synthetic Rubber Co. Ltd.		<input type="checkbox"/>
40	50022870	JP		1975-03-11	Japan Synthetic Rubber Co. Ltd.		<input type="checkbox"/>
41	53000896	JP		1978-01-07	Japan Synthetic Rubber Co. Ltd.		<input type="checkbox"/>
42	57059672	JP		1982-04-10	Fujitsu Ltd.		<input type="checkbox"/>
43	5483957	JP		1979-07-04	Japan Synthetic Rubber Co. Ltd.		<input type="checkbox"/>
44	54079037	JP		1979-06-23	Fuji Electric Mfg. Co. Ltd.		<input type="checkbox"/>
45	61098747	JP		1986-05-17	Japan Synthetic Rubber Co. Ltd.		<input type="checkbox"/>

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46	56081333	JP	1981-07-03	Matsushita Elec. Ind. Co. Ltd.	<input type="checkbox"/>
47	53088099	JP	1982-07-03	Japan Synthetic Rubber Co. Ltd.	<input type="checkbox"/>
48	54083956	JP	1979-07-04	Japan Synthetic Rubber Co. Ltd.	<input type="checkbox"/>
49	55000761	JP	1980-01-07	Japan Synthetic Rubber Co. Ltd.	<input type="checkbox"/>
50	59058054	JP	1984-04-03	Fujitsu Ltd.	<input type="checkbox"/>

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Examiner Initials*	Cite No	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc), date, pages(s), volume-issue number(s), publisher, city and/or country where published.	T5
	1	Lin et al. "Linewidth control Using Anti-Reflective Coating for Optical Lithography", pgs 399-402	<input type="checkbox"/>
	2	Tanaka et al. "A New Photolithography Technique with Antireflective Coating on Resist: ARCOR", pgs 3900-3904	<input type="checkbox"/>
	3	Berg et al. "Antireflection Coatings on Metal Layers for Photolithographic Purposes", pg 1212	<input type="checkbox"/>
	4	Brewer et al. "The Reduction of the Standing-Wave Effect in Positive Photoresists", pgs184-186	<input type="checkbox"/>

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5	Resiser, "Photoreactive Polymers - Multilayer Techniques and Plasma Processing", pgs 359-367	<input type="checkbox"/>
6	Sheates "Photobleaching Chemistry of Polymers Containing Anthracene", pgs 332-348	<input type="checkbox"/>
7	Crivello et al., J. Polym. Sci.: Polym. Chem. 21 (1983), 97-109	<input type="checkbox"/>
8	Degussa, "Silanes for Adhesives and Sealants," 18-19, available at www.dynasylan.com	<input type="checkbox"/>
9	Lamola, A., et al., "Chemically Amplified Resists," Solid State Technology, 53-60 (August 1991).	<input type="checkbox"/>
10	Y.C. Lin et al., "Some Aspects of Anti-Reflective Coating for Optical Lithography," Advances in Resist Technology and Processing, Proc., SPIE vol. 469, 30-37 (1984)	<input type="checkbox"/>
11	McKean et al., "Characterization of Novolac-Based Three-Component Deep-UV Resist," Chem. Mater. (1990) 2, 619-624	<input type="checkbox"/>
12	Nalamasu et al., "Development of a Chemically Amplified (CAMP) Resist Material for Single Layer Deep-US Lighography," Advances in Resist Technology and Processing VII, SPIE 1262, 32-41 (1990)	<input type="checkbox"/>
13	Silverstein et al., "Spectrometric Identification of Organic Compounds," 4th Ed. John Wiley * Sons 1991, 309-311	<input type="checkbox"/>
14	Wilson, C.G., "Organic Resist Materials - Theory and Chemistry," Introduction to Microlithography, American Chemical Society, 87-159 (1983)	<input type="checkbox"/>
15	Allied Signal ACCUGLASS T-04 Spin-On Glass Material Safety Data Sheet, June 30, 1998	<input type="checkbox"/>

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16	Hawley's Condensed Chemical Dictionary, 11th ed., 85-86	<input type="checkbox"/>
17	"HD Micro Puts Out Positive Polyamide," Electronic News, June 19, 2000	<input type="checkbox"/>
18	Jaskot et al., Toxicological Sciences, 22(1): 103-112 (1994)	<input type="checkbox"/>
19	Yusuke Izumi et al., "Hdroisilyation of Carbonyl Compounds Catalyzed by Solid Acids and Bases," Tetrahedron Letters, Vol. 32, No. 36, pp 4744 (1991)	<input type="checkbox"/>
20	Brewer, T. et al., "The Reduction of the Standing Wave Effect in Positive Photoresists," Jour. Appl. Photogr. Eng., Vol. 7, no. 6, 184-186 (Dec. 1981)	<input type="checkbox"/>
21	H.A.M. van den Berg et al., "Antireflection Coatings on Metal Layers for Photolithographic Purposes". J. Appl. Phys. 50 (3) March 1979, pgs 1212-1214.	<input type="checkbox"/>
22	Honeywell ACCUSPIN 720 Spin-on Glass Material Safety data Sheet, March 7, 2000	<input type="checkbox"/>
23	Lavrent'yev, et al., "Ethylmethyloctasesquioxanes: Products of the Reactions of ethylpolycyclosiloxanes with Trichloromethylsaine, Their Chromatographic Mass Spectrometric Investigation", 1981.	<input type="checkbox"/>
24	Li, et al., "Organosiloxane Spin On Bottom Antireflective Coatings for ArF Lithography", pgs 1-9	<input type="checkbox"/>
25	Li, et al., "Organosiloxane Based Bottom Antireflective Coatings for 193nm Lithography", pgs 1-10	<input type="checkbox"/>

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